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E

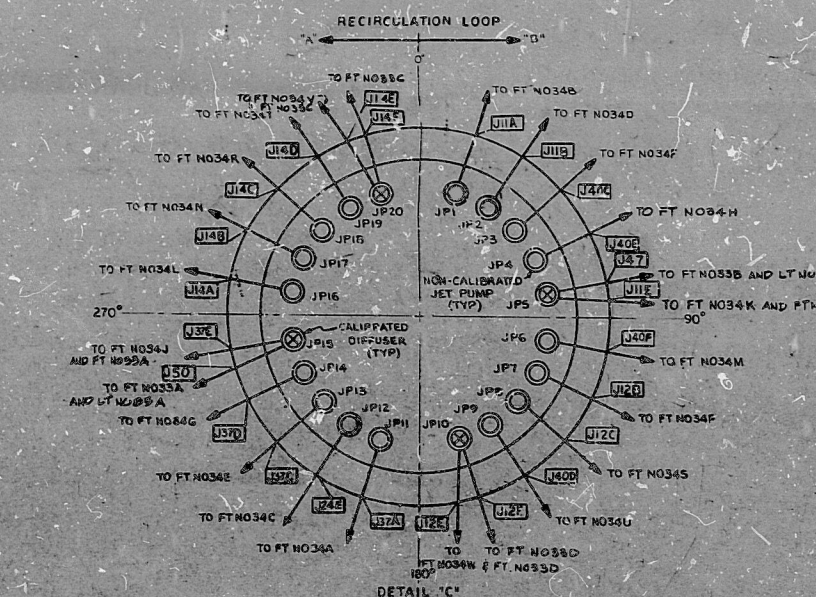
D

C

B

A

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DETAIL 'C'
JET PUMP & TRANSMITTER MATCHING DIAGRAM
(FOR RELATED EXCESS FLOW CHECK VALVES
AND CONTAINMENT PENETRATION ARRANGEMENT
SEE DETAIL A AND CROSS REFERENCE TABLE
ON SHEET 1)

ELEVATION CORRELATION CHART											
REFERENCE	(COLD VESSEL) INCHES ABOVE VESSEL ZERO	DESCRIPTION OF TRIPS/ ACTUATION	INSTRUMENTS PROVIDING TRIP	REACTOR VESSEL LEVEL IDENTITY (DITS 3.2)	CONTROL ROOM WATER LEVEL INDICATION & TRIP ACTUATION LEVELS						
					SAFE GUARDS			FEEDWATER			
					FUEL ZONE	WIDE RANGE	NARROW RANGE	UPSET	SHUTDOWN		
					LR-R615 LI-R610	LR-R615 - LR-R620 LI-R620	LR-R610 LI-R605 A B C NOTE 2	LR-R608 NOTE 2	LI-R605		
TOP OF HEAD FLANGE STEAM LINE NOZZLE 45A, B, C, D	879.0 MAX 599.0	{ TRIP: RCIC (HPCI TURBINE) CLOSE MAIN TURBINE STOP VALVES PUMPS HIGH LEVEL ALARM NORMAL WATER LEVEL LOW LEVEL ALARM SCRAM & CLOSE RHR SHUTDOWN COOLING (ISOLATION VALVES) AUTO DEPRESSURIZATION PERMISSIVE }	TABLE I REF 4 REF 4 REF 4 TABLE I	8		+60"	+50"	+60"	+180"	+400"	
INSTRUMENT LINE NOZZLE 112					7		+54"	+54"	+54"		
					5,6					+30"	
					4						
					3			+12.5"	+12.5"		
FEEDWATER, RHR REACTOR PROTECTION SYS INSTRUMENT ZERO EXCEPT FUEL ZONE BOTTOM OF DRYER AREA	527.5					0"	0"	0"	0"	0"	
INSTRUMENT LINE NOZZLE 111	517.0		TABLE I	2		-38"					
			TABLE I	1		-111" (-50" TAP)	-128"				
TOP OF ACTIVE FUEL AND FUEL ZONE INSTRUMENT LINE NOZZLE 110	366.31					-101" (-50" TAP)	-150"				
INSTRUMENT LINE NOZZLE 10	366.0						-51"				
JET PUMP INSTR NOZZLE 8	152.0										
JET PUMP DIFFUSER TAP	143.97										

* CONTROL IS PROVIDED IN RRCS (REF. 33.324)
† TAP - TOP OF ACTIVE FUEL

TABLE 1 - REACTOR LEVEL INSTRUMENTATION									
TRANSMITTER	PAID COORDINATES	INSTRUMENT	TRIP UNIT	TRIP UNIT	TRIP UNIT	TRIP UNIT	TRIP UNIT	TRIP UNIT	TRIP UNIT
SA-PT-N034A	E.7	C004	ATM	C004	RRCS #	2	A	23	
SA-PT-N034B	E.3	C007	ATM	C007	RRCS #	2	B	33	
SA-PT-N034C	E.3	C008	ATM	C008	RRCS #	2	A	33	
SA-PT-N034F	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034G	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034H	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034I	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034J	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034K	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034L	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034M	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034N	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034O	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034P	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034Q	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034R	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034S	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034T	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034U	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034V	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034W	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034X	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034Y	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034Z	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AA	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AB	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AC	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AD	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AE	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AF	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AG	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AH	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AI	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AJ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AK	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AL	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AM	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AN	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AO	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AP	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AQ	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AR	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AS	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AT	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AU	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AV	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AW	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AX	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034AY	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034AZ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BA	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BB	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BC	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BD	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BE	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BF	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BG	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BH	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BI	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BJ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BK	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BL	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BM	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BN	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BO	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BP	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BQ	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BR	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BS	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BT	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BU	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BV	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BW	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BX	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034BY	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034BZ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CA	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CB	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CC	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CD	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CE	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CF	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CG	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CH	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CI	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CJ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CK	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CL	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CM	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CN	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CO	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CP	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CQ	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CR	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CS	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CT	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CU	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CV	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CW	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CX	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034CY	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034CZ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DA	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DB	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DC	E.3	C008	ATM	C008	RRCS #	2	D	33	
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SA-PT-N034DF	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DG	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DH	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DI	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DJ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DK	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DL	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DM	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DN	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DO	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DP	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DQ	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DR	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DS	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DT	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DU	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DV	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034DW	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034DX	E.3	C007	ATM	C007	RRCS #	2	D	33	
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SA-PT-N034EE	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034EF	E.3	C007	ATM	C007	RRCS #	2	D	33	
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SA-PT-N034EH	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034EI	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034EJ	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034EK	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034EL	E.3	C007	ATM	C007	RRCS #	2	D	33	
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SA-PT-N034EO	E.3	C008	ATM	C008	RRCS #	2	D	33	
SA-PT-N034EP	E.3	C007	ATM	C007	RRCS #	2	D	33	
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SA-PT-N034ET	E.3	C007	ATM	C007	RRCS #	2	D	33	
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SA-PT-N034FD	E.3	C007	ATM	C007	RRCS #	2	D	33	
SA-PT-N034FE	E.3	C008	ATM	C008	RRCS #				

PDR RIDS

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